

Notice of Allowability

Application No.

09/834,234

Examiner

Richard Chang

Applicant(s)

DAS ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/08/2005.
2. ☒ The allowed claim(s) is/are 6-14, 16, 19-21 and 23-25, renumbered as 1-16.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


RICKY NGO
PRIMARY EXAMINER
10/31/05

DETAILED ACTION

Response to Amendment

1. Applicants' amendments and arguments, see amendment, filed on 8/8/2004, with respect to Claims 6-14, 16, 19-21 and 23-25 have been fully considered and are persuasive. The 35U.S.C.103 rejections have been withdrawn. None of the previously cited reference teaches the Claims 6-14, 16, 19-21 and 23-25.

Claims 1-5, 15, 17-18 and 22 had been canceled.

Allowable Subject Matter

2. Claims 6-14, 16, 19-21 and 23-25 are allowed.

Examiner's Statement of Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance:

The prior art along or in combination fails to teach or make obvious the following limitations:

"a second network that includes two or more subnetworks and a second agent; and registering the mobile node with the second agent such that the mobile node is provided a unique globally reachable address different from a home address of the mobile node, enabling the mobile node to transition from any of the subnetworks to another subnetwork without communicating to the first agent information about the transition and without communicating to the second agent

information about a security association between the mobile node and the first agent; wherein the second network includes a third agent associated with one of the subnetworks, wherein the third agent includes a subnet agent or DHCP OR DRCP server" as recited in the independent claims 6-9.

"a second network that includes two or more subnetworks and a second agent; and registering the mobile node with the second agent such that the mobile node is provided a unique globally reachable address different from a home address of the mobile node, enabling the mobile node to transition from any of the subnetworks to another subnetwork without communicating to the first agent information about the transition and without communicating to the second agent information about a security association between the mobile node and the first agent; providing by the mobile node the globally reachable GCOA to the first agent" as recited in the independent claims 10 and 12.

"a second network that includes two or more subnetworks and a second agent; and registering the mobile node with the second agent such that the mobile node is provided a unique globally reachable address different from a home address of the mobile node, enabling the mobile node to transition from any of the subnetworks to another subnetwork without communicating to the first agent information about the transition and without communicating to the second agent information about a security association between the mobile node and the first agent; wherein providing a mobility server in the second network; allocating dynamically by the mobility server one of the at least two second agents; and

registering the mobile node with the allocated second agent” as recited in the independent claim 16,

“a second network that includes two or more subnetworks and a second agent, wherein the second agent is programmed to allow the mobile node to transition from any of the subnetworks to another subnetwork without communicating information to the first agent about the transition and without communicating to the second agent information about a security association between the mobile node and the first agent; wherein the second agent includes a dynamic tunneling agent” as recited in the independent claims 19-21, and

“a second network that includes two or more subnetworks and a second agent, wherein the second agent is programmed to allow the mobile node to transition from any of the subnetworks to another subnetwork without communicating information to the first agent about the transition and without communicating to the second agent information about a security association between the mobile node and the first agent; wherein the second network includes a third agent associated with one of the subnetworks, wherein the third agent includes a subnet agent or DHCP OR DRCP server” as recited in the independent claims 23-25.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany

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the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Richard Chang whose telephone number is (571) 272-3129. The examiner can normally be reached on Monday - Friday from 8 AM to 5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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rkc

Richard Chang
Patent Examiner
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